



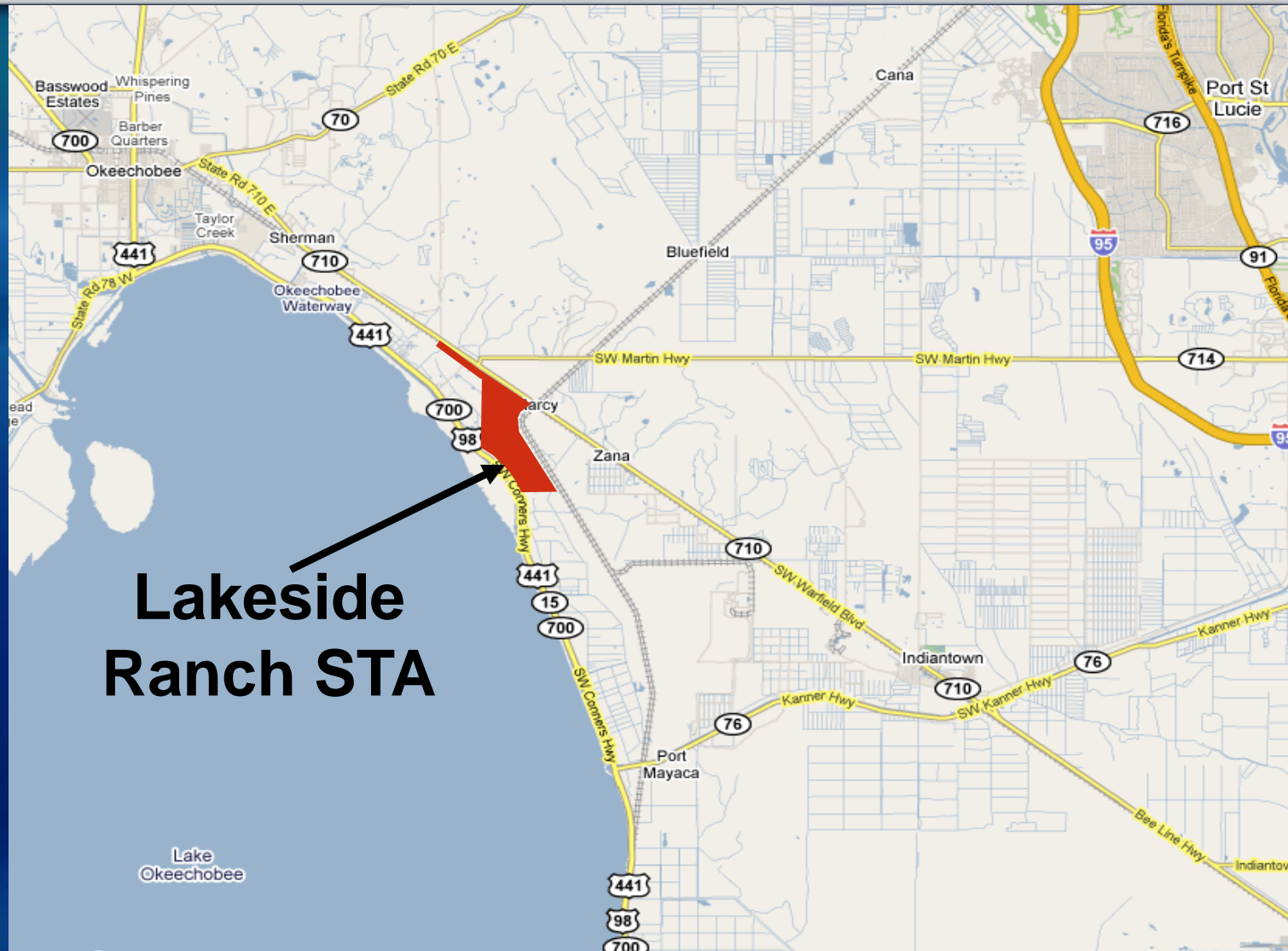
# **Lakeside Ranch Stormwater Treatment Area (STA) Update**

Project & Lands Committee  
August 12, 2009

Jeff Kivett, P.E., Director  
Everglades Engineering  
Everglades Restoration and Capital Projects



# Lakeside Ranch STA

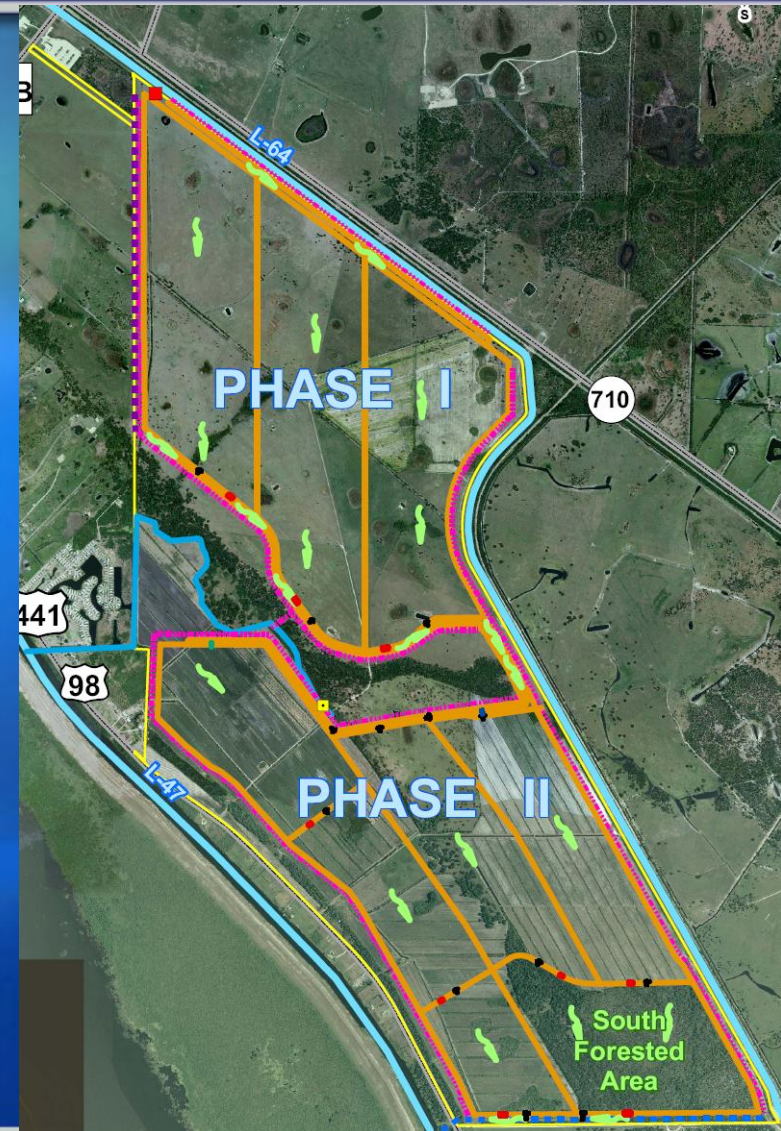


**Lakeside  
Ranch STA**



# Lakeside Ranch STA Project Description

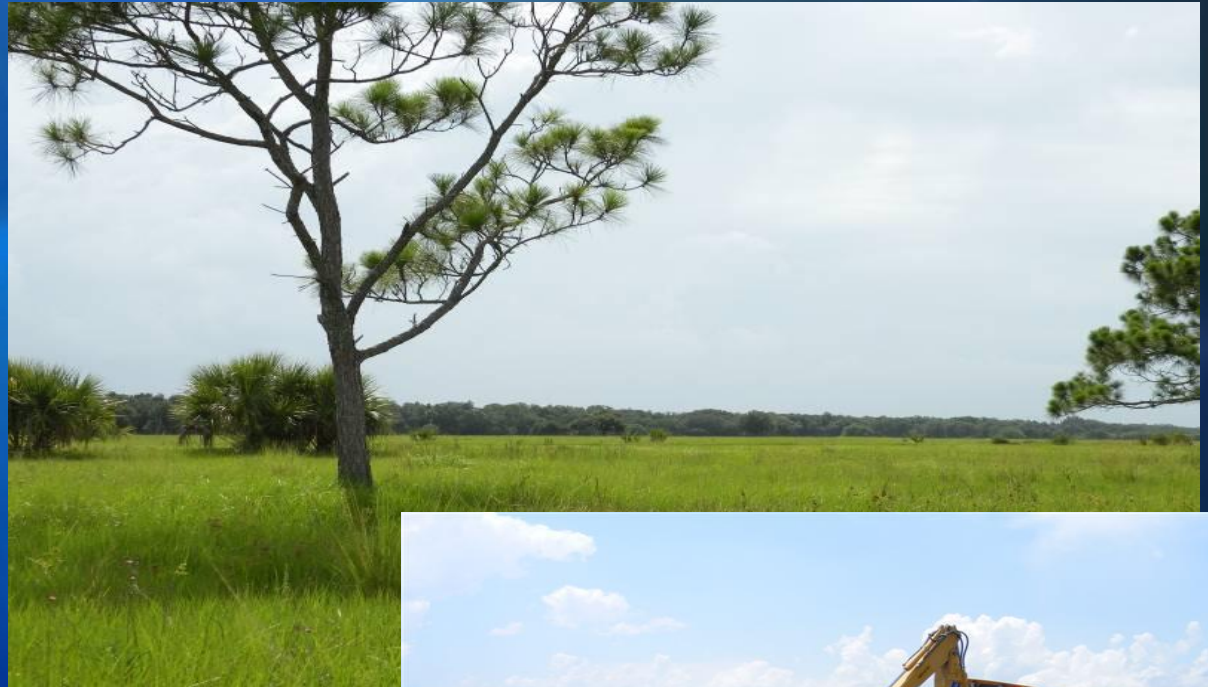
- Phase 1: 925-acre STA
  - 250 cfs inflow pump station
  - Phosphorous Reduction ~15.4 mtons/year
- Phase 2: 1,050-acre STA
  - New pump station at S-191
  - Phosphorous Reduction ~10.4 mtons/year
- Included in Northern Everglades Plan
- Component of Comprehensive Everglades Restoration Plan (CERP) Lake Okeechobee Watershed Project



# Lakeside Ranch STA

## Phase 1 Status – STA North

- Construction contract awarded to Dickerson Florida for \$15,475,000
- Notice to Proceed: April 20, 2009
- Completion Date: August 18, 2011





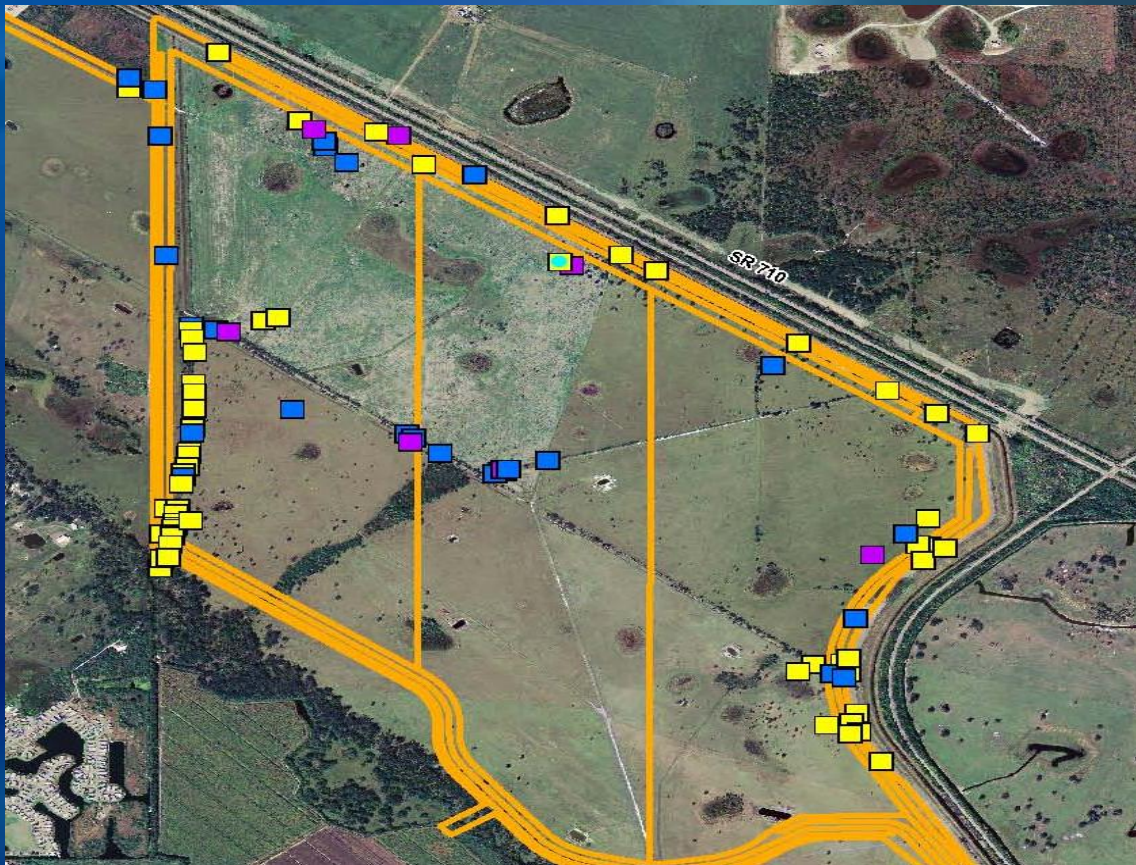
# Project Status

- Threatened and Endangered Species training was provided to the contractor May 12, 2009
- Mobilization was initiated May 14, 2009
- Gopher tortoise relocation activities took place May 26 through June 3, 2009
  - 85 gopher tortoises were relocated to Hickory Hammock



# Gopher Tortoise Issues

- Additional Gopher Tortoise Survey identified 120 more burrows on site as of June 2009







# Gopher Tortoise Issues



- During the June survey, burrows were identified adjacent to the access road installed by the contractor
  - 5 burrows were encroached upon
  - No tortoises were harmed or burrows impacted
- Florida Fish and Wildlife Conservation Commission (FWC) law enforcement was notified of the encroachment
- An investigation has been initiated into potential gopher tortoise violation

# Construction Progress

- Additional precautions have been put in place
- SFWMD environmental staff will remain on site to visually inspect construction areas
- The inspections will take place immediately before ground-disturbing activities
- Burrows will be identified and 25' radius will be marked to avoid impacts
- An application to relocate all remaining gopher tortoises has been submitted to FWC
- Issue date dependent upon FWC investigation





# Lakeside Ranch STA - North Construction Status

- Construction progress limited to access road and trailer set up, until revised gopher tortoise relocation permit is received





**Questions?**